Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041823.D
Acq On : 31 Jul 2019 4:53
Operator : HP/JU
Sample : K3622-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-072919-A

Quant Time: Jul 31 07:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	106654	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	394754	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	275866	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	665229	20.00	ng		0.00
76) Chrysene-d12	21.73	240	746211	20.00	ng		0.00
87) Perylene-d12	25.00	264	861245	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	684150	124.81	ng		0.00
7) Phenol-d6	7.19	99	832464	112.64	ng		0.00
23) Nitrobenzene-d5	9.21	82	624913	108.94	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	517788	165.24	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1567562	100.22	ng		0.00
79) Terphenyl-d14	20.07	244	2593786	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	9944	3.854	ng	#	1
3) Pyridine	3.89	79	23611	3.337	ng		85
4) n-Nitrosodimethylamine	3.79	42	9639	3.437	ng	#	89
8) 2-Chlorophenol	7.61	128	24745	3.942	ng		88
9) Benzaldehyde	7.17	77	19211	3.694	ng		83
10) Phenol	7.22	94	28602	3.720	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	21337	3.376	ng		94
12) 1,3-Dichlorobenzene	7.93	146	28603	3.491	ng		98
13) 1,4-Dichlorobenzene	8.08	146	28034	3.420	ng		95
14) 1,2-Dichlorobenzene	8.40	146	26476	3.385	ng		93
15) Benzyl Alcohol	8.28	79	17310	2.977	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	35318	3.141	ng		97
17) 2-Methylphenol	8.48	107	19415	3.472	ng		97
18) Hexachloroethane	9.14	117	10200	3.633	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	16248	3.028	ng		89
20) 3+4-Methylphenols	8.81	107	24865	3.250	ng		99
22) Acetophenone	8.86	105	35856	4.061	ng	#	93
24) Nitrobenzene	9.24	77	25935	4.292	ng		99
25) Isophorone	9.77	82	42973	3.444	ng	#	97
26) 2-Nitrophenol	9.97	139	11793	4.205	ng		95
27) 2,4-Dimethylphenol	10.03	122	17758	3.587	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	27583	3.537	ng		97
29) 2,4-Dichlorophenol	10.51	162	23160	3.842	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	28206	3.690	ng		97
31) Naphthalene	10.92	128	75750	4.193	ng	#	94
32) Benzoic acid	10.14	122	3243	9.479	ng	#	83
34) Hexachlorobutadiene	11.21	225	19693	3.817	ng		95
35) Caprolactam	11.77	113	7258	3.464	ng	#	76
36) 4-Chloro-3-methylphenol	12.14	107	23377	3.911	ng		99
37) 2-Methylnaphthalene	12.53	142	54935	3.841	ng		94
38) 1-Methylnaphthalene	12.75	142	53741	3.965	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34749	3.979	ng		98
41) Hexachlorocyclopentadiene	12.88	237	14886	3.032	ng		91
43) 2,4,6-Trichlorophenol	13.13	196	18578	3.366	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	22348	3.896	ng		91
46) 1,1'-Biphenyl	13.53	154	74056	4.176	ng		97
47) 2-Chloronaphthalene	13.58	162	56490	3.742	ng		96
48) 2-Nitroaniline	13.77	65	14323	3.740	ng	#	81
49) Acenaphthylene	14.42	152	91711	4.061	ng		92
50) Dimethylphthalate	14.15	163	97418	5.171	ng		95
51) 2,6-Dinitrotoluene	14.26	165	15511	3.937	ng	#	89
52) Acenaphthene	14.76	154	56559	3.850	ng		99
54) 2,4-Dinitrophenol	14.80	184	3451	5.265	ng		90
55) Dibenzofuran	15.10	168	95321	4.243	ng		90
56) 4-Nitrophenol	14.89	139	9593	2.999	ng		94
57) 2,4-Dinitrotoluene	15.04	165	22997	4.245	ng	#	90
58) Fluorene	15.75	166	78408	4.349	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	19726	3.473	ng	#	91
60) Diethylphthalate	15.51	149	74524	4.029	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	42663	3.876	ng		94
62) 4-Nitroaniline	15.75	138	15878	3.478	ng		97
63) Azobenzene	16.04	77	59449	3.934	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	8384	9.060	ng		87
66) n-Nitrosodiphenylamine	15.95	169	71548	3.948	ng		91
67) 4-Bromophenyl-phenylether	16.64	248	28541	3.483	ng		97
68) Hexachlorobenzene	16.76	284	30823	3.595	ng		93
71) Phenanthrene	17.49	178	139203	4.366	ng		93
72) Anthracene	17.49	178	139203	4.377	ng		93
73) Carbazole	17.85	167	122959	4.308	ng	#	93
74) Di-n-butylphthalate	18.42	149	129806	4.011	ng	#	95
75) Fluoranthene	19.50	202	172799	4.458	ng		87
78) Pyrene	19.86	202	180394	4.080	ng	#	87
80) Butylbenzylphthalate	20.75	149	62038	3.660	ng	#	87
81) Benzo(a)anthracene	21.71	228	188194	4.263	ng	#	90
83) Chrysene	21.78	228	181391	4.286	ng	#	90
84) Bis(2-ethylhexyl)phthalate	21.63	149	91706	3.922	ng		94
85) Di-n-octyl phthalate	22.86	149	153910	3.911	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.73	276	204014	3.642	ng	#	83
88) Benzo(b)fluoranthene	23.96	252	188320	3.997	ng	#	93
89) Benzo(k)fluoranthene	24.03	252	176864	3.854	ng	#	91
90) Benzo(a)pyrene	24.84	252	174210	3.855	ng	#	93
91) Dibenzo(a,h)anthracene	28.80	278	166386	3.750	ng	#	95
92) Benzo(g,h,i)perylene	29.89	276	168260	3.796	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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